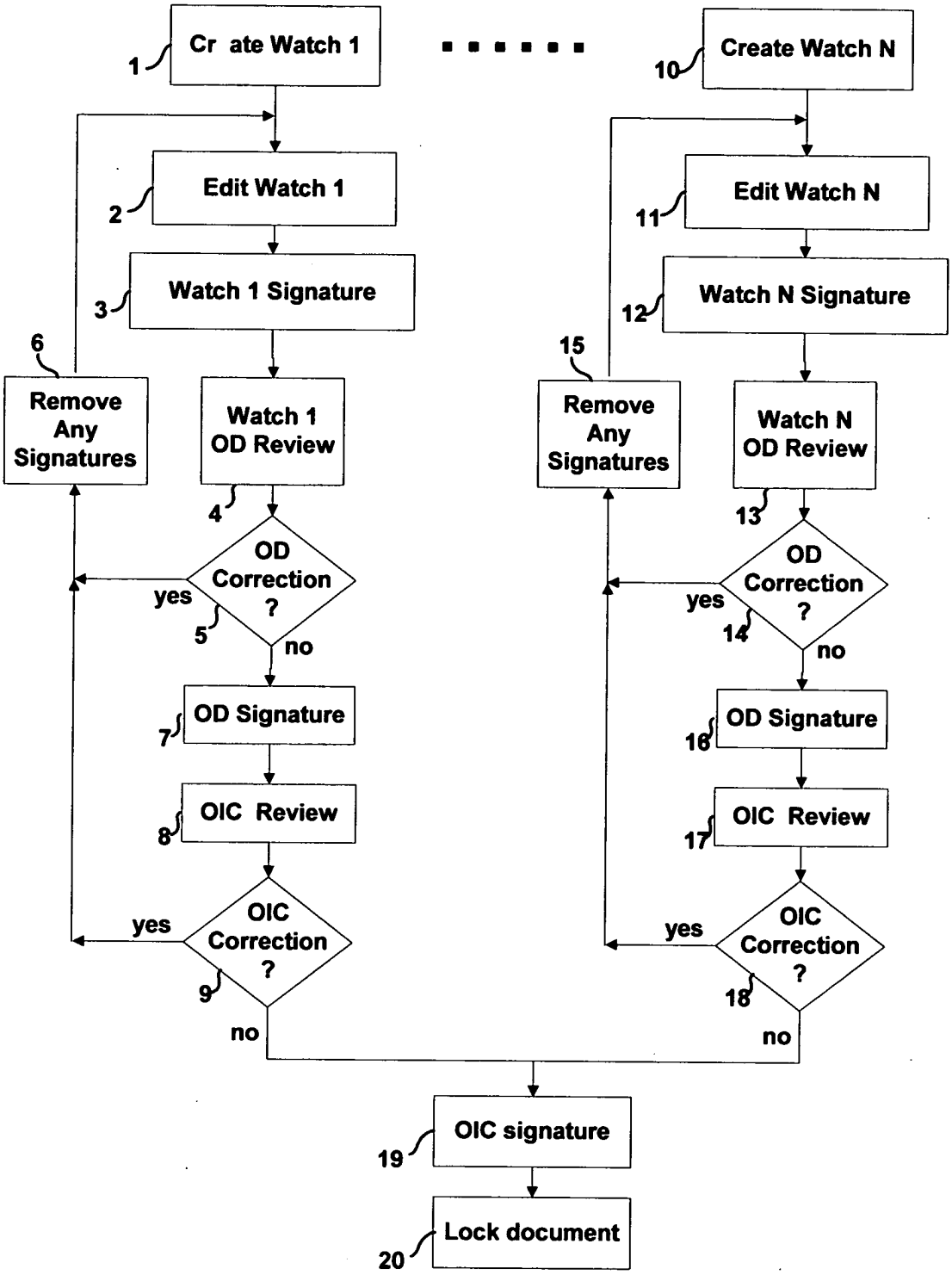
1
Cr ate Watch 1
2
Edit Watch 1
3
Watch 1 Signature
4
Watch 1 OD Review
5
OD Correction ?
yes
no
6
Remove Any Signatures
7
OD Signature
8
OIC Review
9
OIC Correction ?
yes
no
10
Create Watch N
11
Edit Watch N
12
Watch N Signature
13
Watch N OD Review
14
OD Correction ?
yes
no
15
Remove Any Signatures
16
OD Signature
17
OIC Review
18
OIC Correction ?
yes
no
19
OIC signature
20
Lock document

FIG. 1

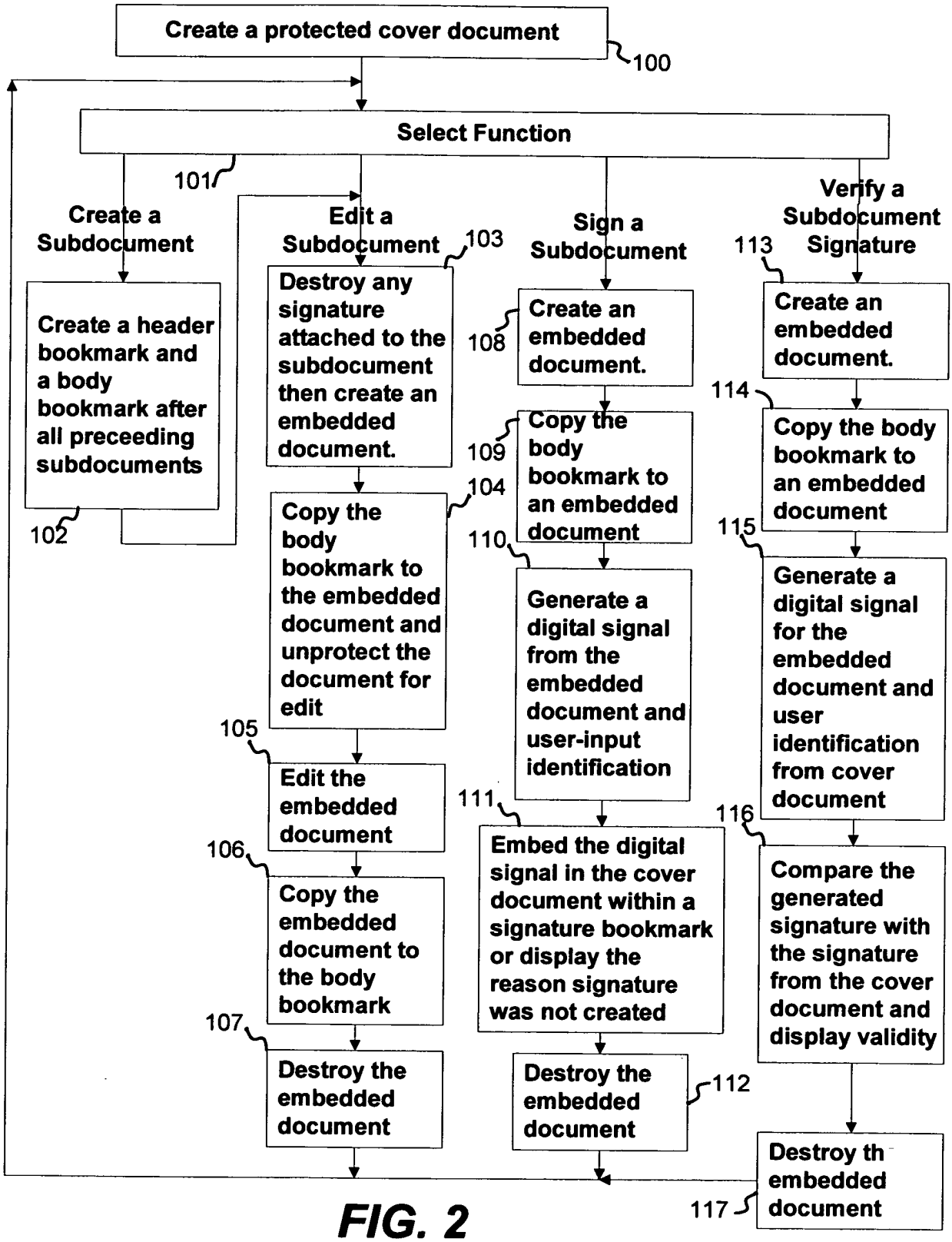
Create a protected cover document
100
Select Function
101
Create a Subdocument
Edit a Subdocument
103
Sign a Subdocument
Verify a Subdocument Signature
113
Create a header bookmark and a body bookmark after all preceeding subdocuments
102
Destroy any signature attached to the subdocument then create an embedded document.
Copy the body bookmark to the embedded document and unprotect the document for edit
104
105
Edit the embedded document
106
Copy the embedded document to the body bookmark
107
Destroy the embedded document
108
Create an embedded document.
109
Copy the body bookmark to an embedded document
110
Generate a digital signal from the embedded document and user-input identification
111
Embed the digital signal in the cover document within a signature bookmark or display the reason signature was not created
Destroy the embedded document
112
Create an embedded document.
114
Copy the body bookmark to an embedded document
115
Generate a digital signal for the embedded document and user identification from cover document
116
Compare the generated signature with the signature from the cover document and display validity
Destroy th embedded document
117

FIG. 2

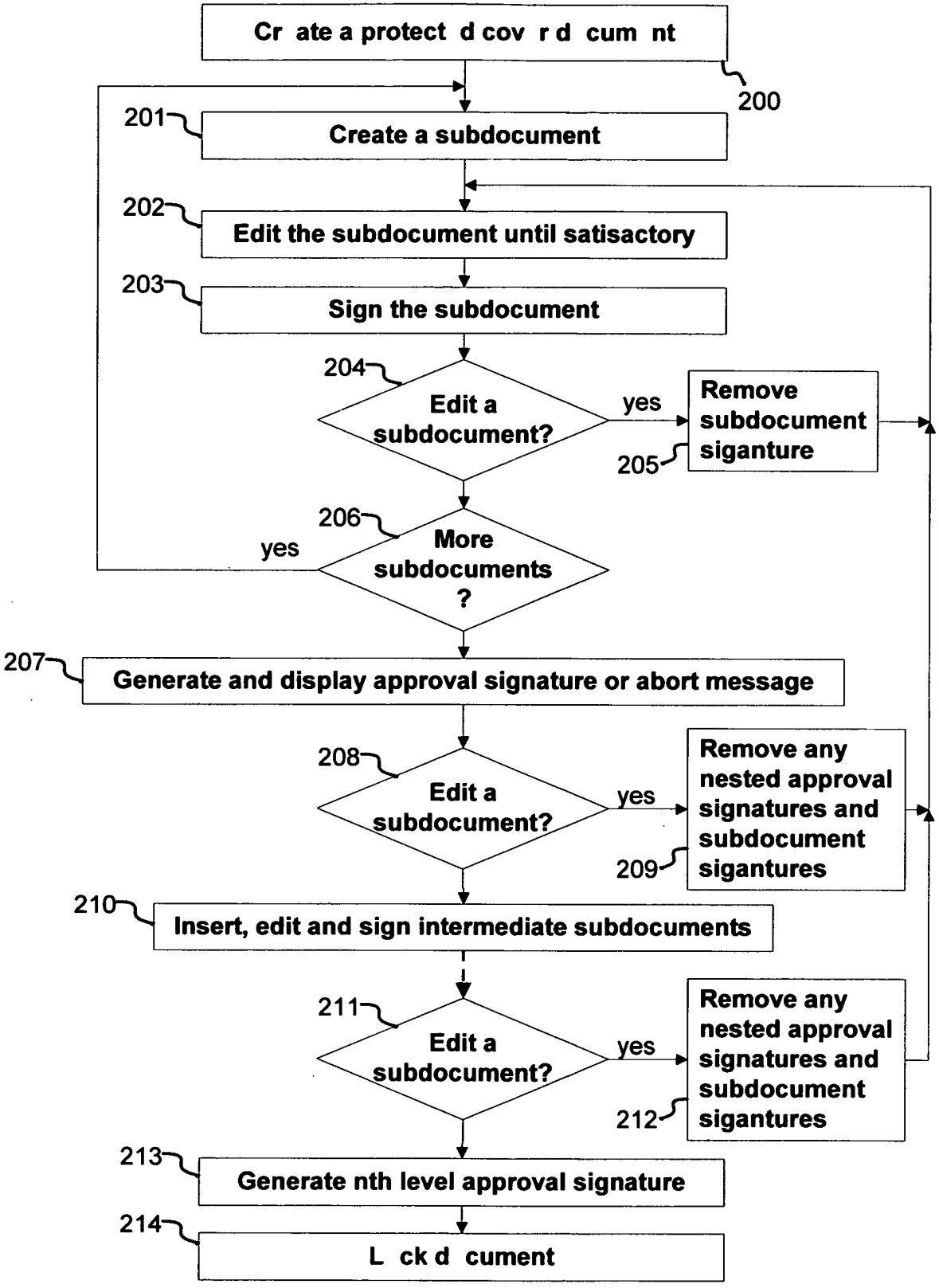
Create a protected covered document
200
201
Create a subdocument
202
Edit the subdocument until satisactory
203
Sign the subdocument
204
Edit a subdocument?
yes
Remove subdocument siganture
205
206
More subdocuments ?
yes
207
Generate and display approval signature or abort message
208
Edit a subdocument?
yes
Remove any nested approval signatures and subdocument sigantures
209
210
Insert, edit and sign intermediate subdocuments
211
Edit a subdocument?
yes
Remove any nested approval signatures and subdocument sigantures
212
213
Generate nth level approval signature
214
Locked cument

FIG. 3